

# VIBRA-TAK<sup>®</sup>

## "SLIDE RULE" TACHOMETER

ONLY

**\$5<sup>00</sup>**

WITH LEATHER CARRYING CASE

*Instantly checks...*

- ★ speed in RPM
- ★ vibration in CPM
- ★ efficiency of equipment
- ★ location of "dead spots" and unwanted vibrations.
- ★ Range **2000 to 21,000**

THROW

WIRE REED

REST BULLET NOSE AGAINST EQUIPMENT

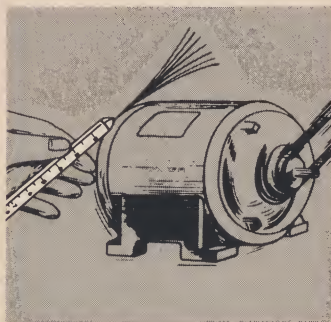
ACTUAL

SIZE

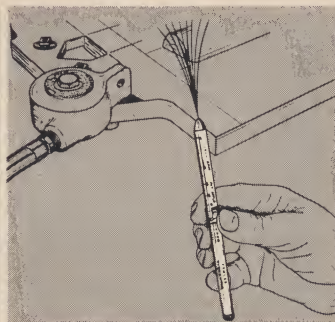
READ AT THIS EDGE

TUNING SLIDE INDICATES SPEED

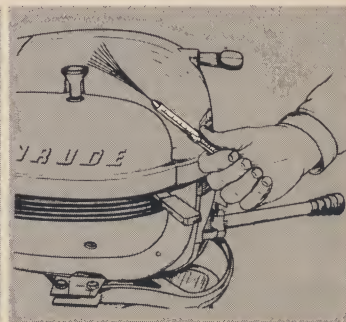
MOTOR SPEEDS



VIBRATING EQUIPMENT



INTERNAL COMBUSTION ENGINES



Precision built of high stress aluminum, practically indestructible, VIBRA-TAK is always ready for instant use by field men, engineers, trouble-shooters! VIBRA-TAK has no intricate parts to get out of adjustment... steel wire reed, with knurled tuning slide are the only moving parts.

Its small size enables accurate readings to be taken even on hard-to-reach equipment. Deep-etched scale gives direct readings from **2000 to 21,000** ... higher speeds register and can be closely estimated.

### INSTRUCTIONS FOR USE

#### *Vibrating or Rotating Equipment*

1. Place nose of Vibra-Tak against ANY part of equipment to be checked.
2. Move tuning slide up and down scale until steel reed reaches MAXIMUM throw.
3. Read scale markings in thousands.

#### *Internal Combustion Equipment*

1. Place nose of Vibra-Tak against ANY part of engine.
2. Adjust tuning slide to MAXIMUM throw.
3. Scale reading indicates number of power impulses.
4. For 2-cycle engines, divide reading by number of cylinders to get RPM.
5. For 4-cycle engines, divide reading by 1/2 the number of cylinders to get RPM.

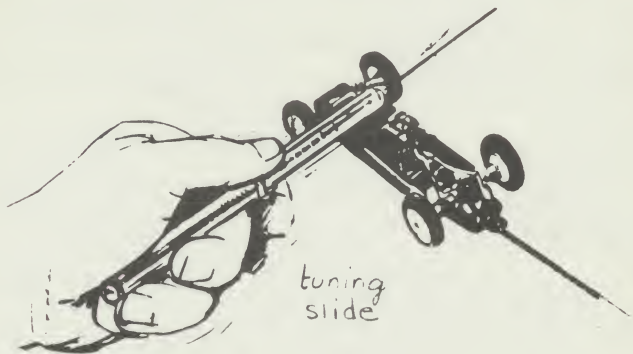
**VERDELL INSTRUMENT SALES CO.**

P. O. BOX 212, BURBANK, CALIFORNIA

## USING THE VIBRA TAK SLIDE RULE TACHOMETER

Place the leather case or a block of balsa-wood under the rear wheels. Put your guide flag into the slot to make contact; place the Vibra-Tak on the motor, move the tuning slide up and down (near the manufacturers' stated RPM) and hold the plunger of the controller down at full acceleration. You may have to put the nose of the Vibra-Tak on several places of the motor to find the point of maximum vibration - your true RPM. Once coordination of the two hands is complete, you will find your new Vibra-Tak useful in tuning, lubrication, and checking stated RPM's on new motors.

VERDELL Instrument Sales, P. O. Box 212  
Burbank, California





**FIELD MEN, ENGINEERS, TROUBLESHOOTERS**

carry

# VIBRA TAK<sup>®</sup>



**CHECKS**  
**MOTOR SPEEDS**  
**VIBRATING EQUIPMENT**  
**INTERN. COMB. ENGINES**  
**TURBINES**

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**ORDER FROM**

The VEST POCKET vibration "Slide Rule" Tachometer that:

- Gives Direct Readings from 2000 to 21,000
- Instantly Determines Efficiency of any Vibrating Equipment
- Quickly Runs Down Unwanted "Tramp" Vibrations
- Gets Accurate Readings on "Hard-to-Reach" Equipment
- Requires no Wiring or Mechanical Connections

With  
Leather  
Carrying Case

ONLY  
**\$500**

SHIP \_\_\_\_\_ VIBRA-TAK AT \$5.00 EACH

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_